## Kosten pro Jahr: Variante 1 - SB1/

 $\frac{\text{Wartezeit:}}{Fahrzeug}$ 

|      |              | -                        | Unterhaltskosten | Reisezeitkosten | Betriebskosten | Umweltkosten | Unfallkosten | Totale Kosten pro Jahr  |
|------|--------------|--------------------------|------------------|-----------------|----------------|--------------|--------------|-------------------------|
|      | $t_{MIV}[h]$ | $t_{Velo}\left[ h ight]$ | $K_U$            | $K_{TT}$        | $K_B$          | $K_U$        | $K_A$        | Totale Rostell pro Jani |
| 2019 | 0.08549605   | 0.088666667              | 4000             | 12824908        | 255080         | 17527        | 8.22E+03     | 13109739                |
| 2020 | 0.08549606   | 0.088666667              | 72000            | 12888008        | 256336         | 17257        | 8.26E+03     | 13241865                |
| 2021 | 0.08549607   | 0.088666667              | 4000             | 12951108        | 257592         | 16984        | 8.30E+03     | 13237988                |
| 2022 | 0.08549608   | 0.088666667              | 4000             | 13014208        | 258848         | 16707        | 8.34E+03     | 13302107                |
| 2023 | 0.08549610   | 0.088666667              | 4000             | 13077308        | 260104         | 16426        | 8.38E+03     | 13366223                |
| 2024 | 0.08549611   | 0.088666667              | 4000             | 13140408        | 261360         | 16143        | 8.42E+03     | 13430335                |
| 2025 | 0.08549612   | 0.088666667              | 4000             | 13203508        | 262616         | 15855        | 8.47E+03     | 13494444                |
| 2026 | 0.08549613   | 0.088666667              | 4000             | 13266608        | 263872         | 15564        | 8.51E+03     | 13558550                |
| 2027 | 0.08549614   | 0.088666667              | 4000             | 13329708        | 265128         | 15270        | 8.55E+03     | 13622652                |
| 2028 | 0.08549616   | 0.088666667              | 4000             | 13392808        | 266384         | 14972        | 8.59E+03     | 13686751                |
| 2029 | 0.08549617   | 0.088666667              | 4000             | 13455909        | 267640         | 14671        | 8.63E+03     | 13750846                |
| 2030 | 0.08549618   | 0.088666667              | 4000             | 13519009        | 268896         | 14366        | 8.67E+03     | 13814938                |
| 2031 | 0.08549619   | 0.088666667              | 4000             | 13582109        | 270152         | 14058        | 8.71E+03     | 13879026                |
| 2032 | 0.08549621   | 0.088666667              | 4000             | 13645210        | 271408         | 13746        | 8.75E+03     | 13943111                |
| 2033 | 0.08549622   | 0.088666667              | 4000             | 13708310        | 272664         | 13431        | 8.79E+03     | 14007192                |
| 2034 | 0.08549623   | 0.088666667              | 4000             | 13771411        | 273920         | 13112        | 8.83E+03     | 14071270                |
| 2035 | 0.08549625   | 0.088666667              | 4000             | 13834511        | 275176         | 12790        | 8.87E+03     | 14135345                |
| 2036 | 0.08549626   | 0.088666667              | 4000             | 13897612        | 276432         | 12464        | 8.91E+03     | 14199416                |
| 2037 | 0.08549628   | 0.088666667              | 4000             | 13960713        | 277688         | 12135        | 8.95E+03     | 14263483                |
| 2038 | 0.08549629   | 0.088666667              | 4000             | 14023813        | 278944         | 11802        | 8.99E+03     | 14327547                |
| 2039 | 0.08549630   | 0.088666667              | 4000             | 14086914        | 280200         | 11466        | 9.03E+03     | 14391608                |
| 2040 | 0.08549632   | 0.088666667              | 4000             | 14150015        | 281456         | 11126        | 9.07E+03     | 14455665                |
| 2041 | 0.08549633   | 0.088666667              | 4000             | 14213116        | 282712         | 10783        | 9.11E+03     | 14519719                |
| 2042 | 0.08549635   | 0.088666667              | 4000             | 14276217        | 283968         | 10437        | 9.15E+03     | 14583770                |
| 2043 | 0.08549636   | 0.088666667              | 4000             | 14339318        | 285224         | 10086        | 9.19E+03     | 14647817                |
| 2044 | 0.08549638   | 0.088666667              | 4000             | 14402419        | 286480         | 9733         | 9.23E+03     | 14711860                |
| 2045 | 0.08549639   | 0.088666667              | 4000             | 14465520        | 287736         | 9376         | 9.27E+03     | 14775900                |
| 2046 | 0.08549641   | 0.088666667              | 4000             | 14528621        | 288993         | 9015         | 9.31E+03     | 14839937                |
| 2047 | 0.08549643   | 0.088666667              | 4000             | 14591722        | 290249         | 8651         | 9.35E+03     | 14903970                |
| 2048 | 0.08549644   | 0.088666667              | 4000             | 14654823        | 291505         | 8283         | 9.39E+03     | 14968000                |
| 2049 | 0.08549646   | 0.088666667              | 4000             | 14717925        | 292761         | 7912         | 9.43E+03     | 15032026                |
| 2050 | 0.08549648   | 0.088666667              | 4000             | 14781026        | 294017         | 7537         | 9.47E+03     | 15096049                |
| 2051 | 0.08549649   | 0.088666667              | 4000             | 14844127        | 295273         | 7159         | 9.51E+03     | 15160069                |
| 2052 | 0.08549651   | 0.088666667              | 4000             | 14907229        | 296529         | 6778         | 9.55E+03     | 15224085                |
| 2053 | 0.08549653   | 0.088666667              | 4000             | 14970330        | 297785         | 6393         | 9.59E+03     | 15288097                |
| 2054 | 0.08549654   | 0.088666667              | 4000             | 15033432        | 299041         | 6225         | 9.63E+03     | 15352327                |
| 2055 | 0.08549656   | 0.088666667              | 4000             | 15096533        | 300297         | 6251         | 9.67E+03     | 15416751                |
| 2056 | 0.08549658   | 0.088666667              | 4000             | 15159635        | 301553         | 6277         | 9.71E+03     | 15481176                |
| 2057 | 0.08549660   | 0.088666667              | 4000             | 15222737        | 302809         | 6303         | 9.75E+03     | 15545600                |
| 2058 | 0.08549662   | 0.088666667              | 4000             | 15285839        | 304065         | 6329         | 9.79E+03     | 15610024                |
| 2059 | 0.08549664   | 0.088666667              | 4000             | 15348941        | 305321         | 6356         | 9.83E+03     | 15674448                |
| 2060 | 0.08549665   | 0.088666667              | 4000             | 15412043        | 306577         | 6382         | 9.87E+03     | 15738872                |
|      |              |                          |                  |                 |                |              |              | 657654890               |
|      |              | Summe:                   | 252000           | 6.4364E+08      | 12802554       | 543544       | 4.12E+05     | 6.57655E+08             |